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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 1

**Complete if Known**

Application Number	10/606,218
Filing Date	June 26, 2003
First Named Inventor	Anatoly Chekhmir, et al.
Art Unit	1754
Examiner Name	Ardith E. Herzog
Attorney Docket Number	GRI-101-CON

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		BOTTINGA, et al.; The Viscosity of Magmatic Silicate Liquids: A Model for Calculation, Amererican Journal of Science, May 1972, 272, pp. 438-475.	<input type="checkbox"/>
		U.S. Dept. of Energy, Office of Civilian Radioactive Waste Management: Waste Acceptance System Requirements Document (WSRD), Revision 4, Jan. 2002, pp. 33-34.	<input type="checkbox"/>
		Pacific Northwest National Laboratory, PNNL-13582: High-Level Waste Melter Study Report; submitted to U.S. Department of Energy July 2001, Section 3.0 and Appendix C.	<input type="checkbox"/>
		U.S. Dept. of Energy, Office of Waste Management; High-Level Waste Borosilicate Glass: A Compendium of Corrosion Characteristics, Vol. 2, March 1994, pp. 267-282.	<input type="checkbox"/>
		LUTZE, et al.; Radioactive Waste Forms for the Future; Elsevier Science Publishers B.V., 1998, Chapter 1, pp. 24-29.	<input type="checkbox"/>
		PERSIKOV, Edward S.; The Viscosity of Magmatic Liquids: Experiment, Generalized Patterns. A Model for Calculation and Prediction Applications; Advances of Physical Chemistry of Magmas (Springer-Verlag, 1991), Chapter 1, pp. 1-40.	<input type="checkbox"/>
		E.K. HANSEN, et al.; Mixing Envelope D Sludge with LAW Intermediate Products with and without Glass Formers, Westinghouse Savannah River Company, September 2001, Table B-40, p. 116, Table B-41, p. 117 and Table B-42, p. 119-120.	<input type="checkbox"/>
		G.L. SMITH et al.; Vitrification and Product Testing of C-104 and AZ-102 Pretreated Sludge Mixed with Flowsheet Quantities of Secondary Wastes, February 2001, Table 3.6, pp. 3.10-3.11, and Table 3.9, pp. 3.12-3.13.	<input type="checkbox"/>
		CHEKHMIR, et al.; Diffusion in Magmatic Melts: New Study, found in Chapter 3, Physical Chemistry of Magmas, pp. 99-119.	<input type="checkbox"/>
		Epelbaum et al.; Zonality of Crystals - One More Possible Barrier to Migration of Radionuclides, Geological Problems of Radioactive-Waste Storage, Contribution of Physical-Chemical Petrology, Vol. 10 (Minsk, 1994), pp. 126-128. (partial translation only).	<input type="checkbox"/>
		U.S. Dept. of Energy, Office of Environmental Management; Waste Acceptance Product Specifications for Vitrified High-Level Waste Forms, WAPS, December 1996, pp. 1, 5-6, 23, 30-31.	<input type="checkbox"/>

Examiner Signature *Ardith E. Herzog*Date Considered *2.3.2006*

<sup>1</sup> EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>2</sup> Applicant's unique citation designation number (optional). <sup>3</sup> Applicant is to check a check mark here if English language Translation is attached.

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